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can be used for growing tea. The Power Institute has sent an expedition into the Lenkoran and Zakataly zones to develop methods of dealing with the excess moisture falling on tea plantations during the fall and winter period, as well as to determine methods of supplying the kolkhozes with water for irrigating the plantations during the summer. An expedition of the Geographical Institute is collecting and analyzing data for the purpose of compiling the climatic and geomorphological characteristics of the Lenkoran and Astara areas.

Several expeditions of the Botanical Institute are attacking the problem of improving the feed base for livestock raising in the republic. Scientists of the institute are studying summer and winter pastures in the Kobystan, Dzheyran-Chol' Steppe, Kedabek, Dostafyur, and Konaikhkend areas.

A group of botanists is continuing the search begun several years ago for plants containing valuable medicinal substances.

A large Zoological Institute expedition consisting of several detachments is working on problems connected with the construction of the Mingechaur Hydroelectric Station. Scientists are occupied with the artificial breeding of sturgeon, salmon, and other fish. They are also investigating the possibility of increased livestock raising in the Kura-Araks Lowland. In addition, they are developing new methods of combating insects harmful to cotton.

Participants in the Institute of Agrochemistry and Soil Science expedition stationed in the Udzhary, Agdash, Geokchay, Khachmas, and other areas are experimenting with the effect of various fertilizers on the wheat, cotton, and vegetable harvest. Soil cover studies are in progress in the Dzheyran-Chol' Steppe to find places suitable for planting trees. On Apsheron Peninsula, studies in the effect of fertilizers on olives are under way.

The institutes of the Department of Social Sciences are organizing a number of expeditions. An archeological expedition of the Institute of History and Philosophy which returned recently from Kobystan collected new and interesting material concerning picture writing on cliffs. The expedition found about 35 new cliffs with picture writing. Altogether, about 600 cliffs with more than 2,000 pictures of men, women, wild animals, hunting scenes, etc., have already been found in this area. The oldest of these pictures belong to the Neolithic stage and are estimated to be 6,000-7,000 years old.

The institute is also sending an expedition into Nakhichevan ASSR this year to excavate and explore the monuments of Azerbaydzhanian culture. An archeological expedition will be sent into the Zhdanov area to continue the exploration of the ancient village of Oren-Kala.

The Museum of History is continuing the archeological excavations which have been in progress for several years at the site of Mingechaur GES, on both banks of the Kura River.

Museum workers, in association with Moscow scientists, will form an anthropological expedition for work in the Nagorno-Karabakh Autonomous Oblast, Shemakha, Geokchay, Agdash, and other areas.

Scientists of the Institute of Literature and Language will go into the Nakhichevan and Norashen areas to study the popular dialects of these regions. Another expedition of the institute will be dispatched to the Kazakh, Geokchay, Kel'badzhar, and Akstafa areas to collect and record folk songs, folk tales, and other manifestations of Azerbaydzhanian folklore which have originated under Soviet rule.(2)

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A group of scientists, members of an expedition of the Scientific Research Institute of Economic Geography of Leningrad University imeni A. A. Zhdanov, has arrived in the area of the future North Crimean Canal. Geographers, economists, and botanists are assisting the builders of the canal in a practical way. The botanists are led by Professor A. A. Korchagin.

Scientists of the Crimean Affiliate of the Academy of Sciences USSR have left for the canal zone to assist in laying out its route. V. N. Slavyanov, Candidate of Geological and Mineralogical Sciences, and a group of co-workers are studying landslide problems in the canal zone. Soil scientists of the affiliate are studying water and irrigation problems. Others are compiling a soil map of the planned irrigation zone.

Professors, docents, and assistants of the Leningrad Sanitation-Hygiene Institute are working in Dzhanikoy and neighboring areas.(3)

Two expeditions of Moscow State University imeni Lomonosov have arrived in Astrakhan' Oblast. Their tasks are to determine the characteristics and to compile a soil map of the Volga-Akhtuba bottom land and a part of the Volga Delta.

The detachments of the Caspian Expedition of the university's Geographical Institute will study all areas from Stalingrad to Astrakhan', while the detachments of the Volga-Caspian Soil Improvement Expedition will work in the Kharabali, Krasnyy Yar, and other areas of the oblast.(4)

Uzbek and Turkmen SSR

Professor V. A. Kovda, head of the Aral-Caspian Expedition of the Academy of Sciences USSR, reported that 15 expeditions sent by the Ministries of Geology, Forestry, and Agriculture and various scientific research organizations are now working in Turkmen SSR and Kara-Kalpak ASSR. Geographers, geologists, botanists, soil scientists, and land improvement workers are participating in these expeditions. They are exploring an enormous area. Fourteen detachments of the Aral-Caspian Expedition are now active on the Main Turkmen Canal route; in the fall, they will be joined by another seven or eight detachments.

Detachments of geographers and chemists are exploring the Uzboy Valley. A detachment of botanists, in association with workers of the Academy of Sciences Uzbek SSR, has compiled a corrected soil-botanical map of the Uzboy. An agricultural and forest improvement detachment has done much work in exploring the sands. Geologists, soil scientists, botanists, and hydraulic engineering personnel have traveled more than 3,000 kilometers in the Uzboy Valley and Kara-Kum Desert.

The Aral-Caspian Expedition has established two supporting bases: one in northern Turkmenia near Kunya-Urgench, one in the south at Kizyl-Arvat. Land improvement experiments will be carried on there.(5)

Uzbek Tadzhik, and Kirgiz SSR

An archeological-ethnographical expedition of the Academy of Sciences USSR is working in the Fergana Valley and adjoining Pamir areas. It is headed by A. N. Bernshtam, Doctor of Historical Sciences. The expedition is composed of several detachments.

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On 12 July, another detachment left Moscow. Its members will carry on ethnographical explorations in Osh and Tyan'-Shan' oblasts of Kirgiz SSR.(6)

On 12 July, an expedition of the Institute of Ethnography imeni N. N. Miklukho-Maklaya of the Academy of Sciences USSR left Moscow for the Pamirs and Fergana Valley. This detachment of scientists will join the archeologists and ethnographers now exploring vast areas in Kirgiz, Tadzhik, and Uzbek SSR.

For a month, the scientists will acquaint themselves with living conditions, culture, and agriculture in parts of Osh Oblast, Kirgiz SSR. Then, they will proceed to one of the high mountain areas of Tyan'-Shan' Oblast.

At present, expeditions of Uzbek, Kirgiz, and Tadzhik scientists are working in the Fergana Valley. They are participating with representatives of Academy of Sciences USSR institutes in the compilation of an ethnographic map of the Fergana Valley. The history of peoples from earliest times to the present will be depicted on this map.(7)

SOURCES

1. Petrozavodsk, Leninskoye Znamya, 18 Jul 51
2. Baku, Bakinskiy Rabochiy, 7 Jul 51
3. Stalinabad, Kommunist Tadzhikistana, 27 Jul 51
4. Moscow, Moskovskaya Pravda, 27 Jul 51
5. Moscow, Trud, 14 Jul 51
6. Moscow, Vechernyaya Moskva, 12 Jul 51
7. Tashkent, Pravda Vostoka, 14 Jul 51

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